

CLAIMS

1. An address configuration table for mapping a plurality of source devices in a source network to a single destination device in a destination network, each device having a source network address and a destination network address, the address configuration table comprising:
a first address matching field matching the source network addresses of the plurality of source devices;
a second address matching field equal to the source network address of the destination device; and
a first address translation field equal to the destination network address of the destination device.
2. The address configuration table of claim 1, wherein the first address matching field includes a wildcard matching the source network addresses of the plurality of source devices.
3. The address configuration table of claim 2, wherein the wildcard includes regular expression matching the source network addresses of the plurality of source devices.
4. The address configuration table of claim 2, wherein the wildcard includes a default address that implicitly matches the source network addresses of the plurality of source devices.
5. The address configuration table of claim 1, further comprising a second address translation field.
6. The address configuration table of claim 5, wherein the second address translation field is equal to a predetermined value indicating that a destination network address is to be dynamically allocated for each connection initiated by one of the plurality of source devices to the destination device.

7. The address configuration table of claim 6, wherein the destination network is a DLSw network, and wherein the dynamically allocated destination network address is a MAC address for the source device.
8. The address configuration table of claim 6, wherein the destination network is an X.25 network, and wherein the dynamically allocated destination network address is an X.121 address for the source device.
9. The address configuration table of claim 6, wherein the destination network is an X.25 network, and wherein the dynamically allocated destination network address is an X.121 address for the source device.
10. The address configuration table of claim 9, wherein the destination network is an X.25 network, and wherein the predetermined value is an X.121 address associated with a network device other than the destination network.
11. The address configuration table of claim 9, wherein the destination network is an X.25 network, and wherein the dynamically allocated logical channel number is an x.25 logical channel number.
12. The address configuration table of claim 1, wherein the source network is a source X.25 network, and wherein the first address matching field matches a plurality of calling X.121 addresses associated with a plurality of source X.25 devices in the source X.25 network.
13. The address configuration table of claim 1, wherein the source network is a source DLSw network, and wherein the first address matching field matches a plurality of source MAC addresses associated with a plurality of source DLSw devices in the source DLSw network.